

5. The touch-screen display as in claim 1, wherein said display layer is a liquid crystal display (LCD) panel.

6. The touch-screen display as in claim 1, wherein said display layer is a light emitting diode (LED) display panel.

7. The touch-screen display as in claim 1, wherein said digitizer layer is a resistive digitizer.

8. The touch-screen display as in claim 1, wherein said digitizer layer is a capacitive digitizer.

9. The touch-screen display as in claim 1, wherein said digitizer layer is a near-field digitizer.

10. A tactile feedback unit for providing tactile feedback on a touch-screen display, said tactile feedback unit comprising:

a gel layer for deforming discrete surface areas of said touch-screen display, said gel layer being permeated with magnetically attractive particles;

a tactile feedback controller for controlling said deformation by said gel layer; and

a deforming layer having a plurality of electromagnets arranged in a grid, each of said plurality of electromagnets being controllable by said tactile feedback controller.

11. The tactile feedback unit as in claim 10, wherein said magnetically attractive particles are formed of transparent glass beads containing iron oxide.

12. The tactile feedback unit as in claim 10, wherein said display layer is a liquid crystal display (LCD) panel.

13. The tactile feedback unit as in claim 10, wherein said display layer is a light emitting diode (LED) display panel.

14. The tactile feedback unit as in claim 10, wherein said digitizer layer is a resistive digitizer.

15. The tactile feedback unit as in claim 10, wherein said digitizer layer is a capacitive digitizer.

16. The tactile feedback unit as in claim 10, wherein said digitizer layer is a near-field digitizer.

* * * * *